

PHARMACY COUNCIL OF INDIA

Standard Inspection Format (S.I.F) for institutions conducting D. Pharmacy course

(To be filled and submitted to PCI by an organization seeking approval of the course / continuation of the approval)

(SIF-A)

To be filled up by P.C.I.

To be filled up by inspectors

Inspection No.:

Date of Inspection:

FILE No.:

NAME OF THE INSPECTORS: 1.
(BLOCK LETTERS)

2.

PART-I A-GENERAL INFORMATION

A-I.1 Name of the Institution: Complete Postal address: STD code Telephone No. Fax No. E-mail	Nootan College of Pharmacy. GAT NO.412 Landgewadi Tal- Kavathemahankal Dist-Sangli 416405 02341 02341-222737 02341-222737 nootanpharmacy1@gmail.com
Year of starting of the course	2016-2017
Status of the course conducting body: Government/ University/Autonomous/Aided/Private(Enclosed copy of Registration documents of Society/Trust)	Trust
A-I.2 Name, address of the Society/Trust/Management (attach documentary evidence) STD Code: Telephone No Fax No: Email	National Health Law Research Institute 304, Datta bhumik, Nandivli Road Near Nala Dombivli, east, Thane Maharashtra 421201 0251-2881665 nationalhealthlaw@gmail.com
A-I.3 Name, Designation and Address of person to be contacted by phone STD Code Telephone No Office Residence eMobile No. Fax No	Dr. Ramling Mali Secretary. GAT.No.412 Landgewadi Tal – Kavathe Mahankal Dist- Sangli 0251-288165 9819071198 maliramling@gmail.com
A-I.4 Name and Address of the Head of the Institution	Mrs. Nootan Ramling Mali 304, Datta bhumik Nandivli Road Near Nala Dombivli east Pin 421201

A-I.5

FOR INSTITUTION SEEKING CONTINUATION OF APPROVAL

a. Details of Affiliation Fee Paid

Name of the Course	Affiliation Fee paid up to	Receipt No	Dated
D.Pharm	100000/-	140592	08/08/2016
D.Pharm	100000/-	141110	05/04/2017
D.Pharm	65000/-	028451	18/08/2017

b. APPROVAL STATUS:

Name of the Course	Approved up to	Intake Approved and Admitted	PCI	STATE GOVT	AICTE	Remarks of the Inspectors
D.Pharm	2 Years	Approval Letter No and Date	17-46(50)NSL 2015 PCI 10576 17-1231/2016-PCI/35271	Manyata 2016/(148/16)	1-2858839394 & 30/04/2016 Western/1-3322482205/2017/EOA&	
		Approved	60	60	60	
		Actual ly	60	60	60	

c. STATUS OF APPLICATION continuation of affiliation

Course	Extension of Approval		Increase in Intake of Seats		Remarks	
	Yes	No	Yes	No	Current Intak	Proposed increase
D.Pharm	✓			✓	60	

Note: Enclose relevant documents

A-I.6

Whether other Educational Institutions/Courses are also being run by the Trust/Institution in the same Building/campus? If yes, give status

Yes No

Status of the Pharmacy Course:

A-I.6a

Independent Building

Wing of another college

Separate Campus

Multi Institutional Campus

Examining Authority: M.S.B.T.E

**With complete postal Govt Poly bldg.4th floor.49 Kherwadi Bandra (East) Mumbai-400051
Address, Telephone No. 022-26471255
and STD Code**

B-DETAILS OF THE INSTITUTION

B-I.1 Name of the Principal	Mr. A.A.Patil				
Qualification/Experience	Qualification*		Teaching Experience	Actual experience	Remarks of the Inspectors
	M. Pharm	✓	05years	5 year One month	
	PhD (Desirab		02years		

*Documentary evidence should be provided

B-I.2

For institution seeking continuation of approval.

Course	Date of last Inspection	Remarks of the Previous Inspection Report	Complied /Not Complied	Intake reduced/Stopped in the last 03 years*
D. Pharm	3&4 April 2017	Continuation	complied	NA

*Enclose Documents

B-I.3

Pay Scales:

Staff	Scale of pay	PF	Gratuity	Pension benef	Remarks of the Inspector
Teaching Staff	AI E/UGC/StateGov CT t□ Yes/No	Yes/No	Yes/No	Yes/No	
Non-Teaching	State Government Yes/No	Yes/No	Yes/No	Yes/No	

B-I.4

D. Pharm Course : Admission statement for the past three years

ACADEMIC YEAR	2016-17	2017-18	200-
Sanctioned	60	60	
No. of Admissions	60	60	
Unfilled Seats	00	00	
No. of Excess Admissions	00	00	

B-I.5

Academic information: Percentage of D. Pharm results for the past three years: New Institution

ACADEMIC YEAR	Year2016-17	Year200-	Year200-
D.Pharm	66%		

B-II**Co – Curricular Activities / Sports Activities**

Whether college has NSS Unit (Yes/No)? If no give reasons	Yes
NSS Programme Officer's Name	Mr. Rupkumar Londhe.
Programme conducted (mention details)	22/06/2017 (cleaning and plantation at NCP
Whether students participating in University level cultural activities/Co-curricular/sports activities	Yes
Physical Instructor	✓ Available
Sports Ground	✓ Available

C – FINANCIAL STATUS OF THE INSTITUTION

Audited financial Statement of Institute should be furnished

C.1 Resources and funding agencies (give complete list)

C.2 Please provide following Information

Receipts			Expenditure			Remarks of the Inspector
Sl. No.	Particulars	Amount	Sl. No.	Particulars	Amount	
1.	Grants a. Government b. Others	00	CAPITALEXPENDITURE			
2.	Tuition Fee	4608000	1.	Building	250000	
			2.	Books & Journals	241702	
3.	Library Fee	0	3.	Equipment	496147	
			4.	Chemical & Glassware	150831	
4.	Sports Fee	0	5.	Others	92660	
5.	Union Fee	-	REVENUEEXPENDITURE			
6.	Others	0	1.	Salary	2805496	
			2.	MAINTENANCE EXPENDITURE		
			i.	College	20000	
			ii.	Others	50000	
			3.	University Fee (If any)	16000	
			4.	Apex Bodies Fee	265000	
			5.	Government Fee	132000	
			6.	Deposit held by the	1500000	
			7.	Others	170400	
			8.	Misc.	3000	
			Total		6193236	
	Total	4608000				

Note: Enclose relevant documents

PART –II PHYSICAL INFRASTRUCTURE

1. a. Building

Own / Rented / Leased

b. Land:s

i) Leased or own

Leased

Own

She / Agreement deed (records to be enclosed) : **Enclosed / Not available**

c. Building:

Leased

Rented

i) Leased / Rented[†](Record to been closed) : **NA**

ii) If Own (Approved Building plan & sale deed to be enclosed) : **Enclosed**

d. Total Area of the college building in Sq. mts :Built up Area

Amenities and Circulation Area

2. Classrooms:

Total Number of Classrooms provided

Class	Required	Available	Required Area * for each classroom	Available Area in Sq. mts	Remarks of the Inspector
D. Pharm	02	02	90 Sq. mts	78.8 Sq. mts	

(* To accommodate 60 students)

3. Laboratory requirement

Sl. No.	Name of Infrastructure	Requirement as per Norms	Available		Remarks / Deficiency
			No.	Area in	
1	Laboratory Area for D. Pharm Course	50 Sq mts x n	05	394Sq mts	
2	Pharmaceutics Pharmaceutical Chemistry Physiology and Pharmacology Pharmacy Practice Pharmacognosy Total no. of Labs for D. Pharm Course *Animal House	01 Laboratory 01 Laboratory 01 Laboratory 01 Laboratory 01 Laboratory 05 Laboratories 01 (10sq.mts)	05	78.8 78.8 78.8 78.8 78.8	
3	Preparation Room for each lab (One room can be shared by two labs, if it is in between two labs)	10 Sq. mts (minimu	02	20	
4	Area of the Machine Room	100 Sq mts	01	100	
5	Aseptic Room	25 Sq mts	01	78.8	
6	Store Room – I	1 (Area 20 Sq mts)	01	33.6	
7	Store Room – II (For Inflammable chemicals)	1 (Area 20 Sq mts)		38.52	

***Not required if computer simulated software are available**

†The Institutions will not be permitted to run the course in rented building on or after 31.12.2008

1. All the Laboratories should be well lit & ventilated
2. All Laboratories should be provided with basic amenities and services like exhaust fans and fume chamber to reduce the pollution wherever necessary.
3. The workbenches should be smooth and easily clean able preferably made of non-absorbent material.
4. The water taps should be non-leaking and directly installed on sinks Drainage should be efficient.
5. Balance room should be attached to the concerned laboratories.

4. **Administration Area:**

Sl. No.	Name of infrastructure	Requirement as per Norms in number	Requirement as per Norms in area	Available		Remarks /Deficiency
				No	Area in Sq.	
1	Principal's Chamber	01	20 Sq mts	1	32.8	
2	Office-I Including	01	40 Sq mts	1	153.52	
3	Staff / Faculty Rooms for D.Pharm	01	30 Sq mts	1	33.4	
4	Library with computer and reprographic	01	100 Sq mts	1	153.44	
5	Museum	01	30 Sq mts (May be attached to the Pharmacogno	1	30	
6	Auditorium / Multi Purpose Hall (Desirable)	01	250-300 Seating capacity	1	170.16	
7	Herbal Garden (Desirable)	01	Adequate Number of Medicinal	1	196	

5. Student Facilities:

Sl. No.	Name of infrastructure	Requirement in number	Requirement In area	Available		Remarks /Deficiency
				No.	Area in Sq.	
1	Girl's Common Room (Essential)	01	40 Sq mts	1	85.4	
2	Boy's Common Room (Essential)	01	40 Sq mts	1	85.4	
3	Toilet Blocks for Boys	01	25 Sq mts	1	33.4x2	
4	Toilet Blocks for Girls	01	25 Sq mts	1	33.4x2	
5	Canteen (Desirable)	01	100Sq mts	1	150	
6	Drinking Water facility Water Cooler	01		2		
7	Boy's Hostel (Desirable)	01	9 Sq mts / Room Single	1	400	
8	Girl's Hostel (Desirable)	01	9 Sq mts / Room (single occupancy) 20Sq mts / room	1	400	
9	Power Backup Provision (Desirable)	01	Genset	1		

6. Computer and other Facilities:

Name	Required	Available	Available		Remarks of the Inspectors
			No.	Area in Sq.	
Computer (latest Configuration)	1 system for every 10 students	10	10	81.2	
Printers	1 printer for every 10	03	04	-	
Xerox Machine	01	01	02	15	
Multi Media Projector	02	03	03	-	

7. Amenities (Desirable)

Name	Requirement as per Norms in area	Available		Not Available	Remarks / Deficiency
		No.	Area In		
Principal quarters	80Sq.mts	01	76.47		
Staff quarters	6x80Sq.mts	06	500		
Parking Area for staff and students			100		
Bank Extension		-	-		
Cooperative Stores					
Guest House	80Sq.mts	02	400		
Transport Facilities for students		02	NA		
Medical Facility (First		02	NA		

8. A. Library books and periodicals

The minimum norms for the initial stock of books, yearly addition of the books and the number of journals to be subscribed areas given below:

Sl. No	Item	Titles (N)	Minimum Volumes (No)	Available		Remarks of the Inspector
				Titles	Numbers	
1	Number of books	67	750 adequate coverage of a large number of standard text books and titles in all disciplines of	67	830	
2	Annual addition of books		75books Per year		40	
3	Periodicals Hardcopies / online	6	06 National Journals Indian Journal of Pharmaceutical Sciences Indian Journal of Pharmaceutical Education and Research Journal of Hospital Pharmacy Indian Journal of Pharmacology CIMS, MIMS Indian Journal of Experimental Biology.	06	06	
4	Library Timings		9.00 am - 05.00 pm			

8.B. Subject wise Classification:

Sl. No	Subject	Available		Remarks of the
		Titles	Numbers	
1	Pharmaceutics-I	08	56	
2	Pharmaceutical Chemistry-I	06	88	
3	Pharmacognosy	07	42	
4	Biochemistry and Clinical Pathology	04	107	
5	Human Anatomy and Physiology	06	112	
6	Health Education and Community Pharmacy	01	40	
7	Pharmaceutics-II	05	60	
8	Pharmaceutical Chemistry-II	11	102	
9	Pharmacology and Toxicology	04	48	
10	Pharmaceutical Jurisprudence	04	58	
11	Drug Store and Business Management	05	35	
12	Hospital and Clinical Pharmacy	06	82	

8.C. Library Staff:

	Staff:	Qualification	Required	Available	Remarks of the
1	Librarian	M. Lib	01	01	
2	Library Attendant	10+2/PUC	01	01	

Note: The information provided will be assessed in giving the period of approval

PART III ACADEMIC REQUIREMENTS

Course Curriculum:

1. Student Staff Ratio:

Theory

60:1

Practical

20:1

(Required ratio --- Theory → 60:1 and Practical → 20:1)

If more than 20 students in batch 2 staff members to be present provided the lab is spacious

2. Date of Commencement of session:

Commencemen	Completion
DD/MM/YY	DD/MM/YY
15 June 2017	21 March 18

No of Days

No of Days

3. Vacation:

Summer: 40

Winter: 08

4. Total Number of working days: 239/31

5. Time Table:

Time Table for I and II D. Pharmacy Enclosed

Yes

No

6. Whether the prescribed numbers of classes are being conducted as per P C I norms

Class / Subject	Theory		Practicals				Remarks
	Prescribed No of Hours	No of Hours Conduct	Prescribed No .of	No of Hours Conduct	Prescribed Number	No of Classes conduct	
I D. Pharmacy							
Pharmaceutics–I	75	76	75	75	25	25	
Pharmaceutic al	75	76	75	78	25	26	
Pharmacognosy	75	76	75	78	25	26	
Biochemistry and Clinical	50	72	75	78	25	26	
Human Anatomy and Physiology	75	77	50	78	25	26	
Health Education and Community	50	51	----	----	----	----	
II D. Pharmacy							
Pharmaceutics–II	75	80	100	136	25	34	
Pharmaceutic al	100	131	75	93	25	31	
Pharmacology and Toxicology	75	82	50	78	25	26	
Pharmaceutic al	50	66	----	----	----	----	
Drug Store and Business	75	82	----	---	----	----	
Hospital and Clinical	75	80	50	99	25	33	

Signature of the Head of the Institution

Signature of the Inspectors

7. Whether Internal Assessments are conducted periodically as per PCI norms

Yes

No

8. Whether Evaluation of the internal assessments is Fair Yes

No

Class	No. of Candidates scored more		No. of Candidates scored between		No. of Candidates scored between		No. of Candidates Less than		Remarks of the Inspectors
	Th	Pr	Th	Pr	Th	Pr	Th	Pr	
I D. Pharm	17	18	42	41	00	00	00	00	
II D. Pharm	17	09	19	27	00	00	00	00	

9. Work load of Faculty members for D. Pharm

S l. N	Name of the Faculty	Subjects taught	D. Pharm				Total work load	Remarks of the Inspector
			I D. Ph		II D. Ph			
			T	P	Th	Pr		
1	Mr.A.A.Patil	PJ			02		02	
2	Mr. P. B. Chikkodi	PH-I	0	1			18	
		PH-II			03			
3	Mr. A. A. Shaikh	HAP	0	0			19	
		P & T			03	04		
4	Mr. S. K. Kamble	HECP	0				17	
		DSBM			03			
		PC-II				06		
		HCP				06		
5	Miss. A. B. Zade	PGY	0	0			16	
		PC-II			04			
6	Mr. S. S. Navale	BCP	0	0			20	
		PH-II				08		
7	Mr. V. N. Kodalkar	PC-I	0	0			15	
		HCP			03			

PARTIV – PERSONNEL

TEACHING STAFF.

1. Details of Teaching Faculty for D. Pharm Course to be closed in the format mentioned below:

S l. N	Name	Designation	Qualification	Date of Joining	Teaching		State Pharmacy Council	Signature of the faculty	Remarks of the Inspectors
					After	After			
1	Mr A.A.Patil	Principal	M. Pharm	02/03/2010		05	121054		
2	Mr.PB.Chikkodi	Asst. Prof	M. Pharm	01/06/2017		3.5	39463		
3	Mr.A.A.Shaikh	Lecturer	M. Pharm	01/06/2017		01	121874		
4	Mr.S.K.Kamble	Lecturer	M. Pharm	01/06/2017		01	132204		
5	Miss.A.B.Zade	Lecturer	B. Pharm	19/12/2017	02	00	182374		
6	Mr.S.S.Navale	Lecturer	M.Pharm	11/12/2017		02	105486		
7	Mr.V.N.Kodalkar	Lecturer	M.Pharm	01/03/2017		00	153012		

Signature of the Head of the Institution

Signature of the Inspectors

Qualification and number of Staff Members-05

Qualification			
B. Pharm	M. Pharm	PhD	Others-Full Time
1	6	-	-

2. Details of Faculty Retention for: Newly started

Name of Faculty Member	Period	Percentage
NA	Duration of 15yrs. And above	NA
NA	Duration of 10yrs. And above	NA
NA	Duration of 5yrs. And above	NA
NA	Less than 5yrs.	NA

3. Details of Faculty Turn over N A

Name of Faculty	Period	More than 50	50 %	25 %	Less than 25
NA	% of faculty retained in last 3yrs	NA	NA	NA	NA

4. No. of Non – teaching staff available for D. Pharm course for in take of 60 Students:

	Designation	Required	Required Qualificati	Available		Remarks of the Inspection
				Numbe	Qualificatio	
1	Laboratory Technician	02	D. Pharm	02	B Sc	
2	Laboratory Assistants /	04	SSLC	04	BA	
3	Office Superintendent	01	Degree	01	BCA	
4	Accountant cum Clark	01	Degree	01	BCA	
5	Storekeeper	01	D. Pharm	01	D. Pharm	
6	Computer Data Operator	01	10+2 with comput	01	B. Sc Comp.	
7	Peon	02	SSLC	02	SSC	
8	Cleaning personnel	04	---	04	SSC	
9.	Gardener	01	---	01	SSC	

Signature of the Head of the Institution

Signature of the Inspectors

7. Scale of pay for Teaching faculty (to been closed):

SL. No.	Name	Quali.	Design.	Basic Pay Rs.	DA Rs.	HRA Rs.	CCA Rs.	Other Allow. Rs	Deduction			Bank A/C No	Pan No	EPF A/C No.	Total	Sign
									PT	TDS	EPF					
1	Mr. A.A.Patil	M.Pharm	Principal	37400	46750	3740	0	0	200	9789	0	060290597866011	BSXPP6772 Q	0	87901	
2	Mr.P.B.Chikkodi	M.Pharm	HOD	15600	19500	1560	0	0	200	4266	0	152110110014890	AZIPC2528 A	0	38194	
3	Mr.A.A.Shaikh	M.Pharm	Lecturer	15600	19500	1560	0	0	200	4266	0	071710110011738	FBSPS7298 G	0	38194	
4	Mr.S.K.Kamble	M.Pharm	Lecturer	15600	19500	1560	0	0	200	4266	0	150610510006117	BTPPK5212 D	0	38194	
5	Miss.A.B.Zade	B. Pharm	Lecturer	15600	19500	1560	0	0	200	4166	0	065710110000603	ABLPZ0476H	0	37294	
6	Mr. S.S Navale	M.Pharm	Lecturer	15600	19500	1560	0	0	200	4266	0	052310110009288	APTPN 4182Q	0	38194	
7	Mr.V.N Kodalkar	M.Pharm	Lecturer	15600	19500	1560	0	0	200	4166	0	162210110000443		0	37294	

8. Whether facilities for Research / Higher studies are provided to the faculty?

(Inspectors to verify documents pertaining to the above)

9. Whether faculty members are allowed to attend work shops and seminars?

(Inspectors to verify documents pertaining to the above)

10. Scope for the promotion for faculty :Promotions

Yes

No

11. Gratuity Provided

Yes

No

12. Details of Non – teaching staff members(list to been closed):

Sl	Name	Designatio	Qualificatio	Date of	Experience	Signatur	Remarks of
1	Sandeep Gajanan Shintre	Lab.Technician	B.Sc Chemistry	01/08/2016	6 Yr		
2	Vijaykumar Balaso Patil	Lab.Technician	B.Sc	01/06/2017	1yr		
3	Ramesh Sadashiv Mhetre	Office Superintendent	BCA	01/08/2016	3 Yr		
4	Madhuri D. Kadam	Accountant Cum Clerk	BCA	28/07/2016	Fresher		
5	Mane T.A	Store Keeper	D Pharmacy	01/08/2016	10 Yr		
6	Reshma Madhukar Zende	Lab. Attainder	SSC	01/08/2016	3 Yr		
7	Sujata ankush Sorate	Peon	SSC	01/08/2016	3 Yr		
8	Anil Sidhu Patil	Peon	SSC	02/08/2016	2 Yr		

9	Rahul Balu Mane	Lab. Attainder	HSC	08/08/2016	1.5 Yr		
10	Avadhut Chavan	Lab. Attainder	SSC	10/09/2016	1 Yr		
11	Jyoti kamble	Lab. Attainder	SSC	01/06/2016	1 yr		
12	Mahadev Patil	Cleaning	SSC	01/06/2016	1 yr		
13	Sariksa Bhosale	Cleaning	SSC	01/06/2016	1 yr		
14	Sulabha Jadhav	Cleaning	SSC	01/06/2017	1 yr		
15	Jayshree Patil	Cleaning	SSC	01/06/2017	1 yr		

13. Whether Supporting Staff (Technical and Administrative) are encouraged for Skill Up gradation Programs Yes/No

Signature of the Head of the Institution

13

Signature of the Inspectors

PARTV-DOCUMENTATION

Records Maintained: (Essential)

Sl. No	Records	Yes	No	Remarks of the Inspector
1	Admissions Registers	<input type="checkbox"/>	01	
2.	Individual Service Register	<input type="checkbox"/>	12	
3.	Staff Attendance Registers	✓	01	
4.	Sessional Marks Register	✓	01	
5.	Final Marks Register	<input type="checkbox"/>	04	
6.	Student Attendance Registers	✓	01	
7.	Minutes of meetings -Teaching Staff	✓	01	
8.	Fee paid Registers	✓	01	
9.	Acquittance Registers	✓	01	
1	Accession Register for books and Journals in Library	✓	09	
1.	Log book for chemicals and Equipment costing more than Rupees one lakh	✓	01	
1	Job Cards for laboratories	<input type="checkbox"/>	09	
1	Standard Operating Procedures (SOP's)for Equipment	✓	01	
1	Laboratory Manuals	<input type="checkbox"/>	09	
1	Stock Register for Equipment	✓	01	
1	Animal House Records as per CPCSEA	NA	NA	

Signature of the Head of the Institution

Signature of the Inspectors

PART-VI

**1. Financial Resource allocation and utilization for the past three years:
(Audited Accounts for the previous year to been closed)**

S l. N o.	Expenditure in Rs. 2016-17			Expenditure in Rs. 2017/2018			Expenditure in Rs.			Remarks of the Inspector
	Total budget sanction	Recurrin g	Non Recurri ng	Total Budget Sanction	Recurring	Non Returni ng	Total Budget Sanction	Recurring	Non Returni ng	
		4929533	413900.50							

2. Total amounts pent on chemicals and glass ware for the past three years: NA

S l. N o.	Expenditure in Rs. 2016-17			Expenditure in Rs. 2017/2018			Expenditure in Rs.			Remarks of the Inspector
	Total budget allocat	Sanctione d	Incurred	Total budget allocat	Sanctione d	Incurred	Total budget allocat	Sanctione d	Incurre d	
	Chemical	60,000	48721	Chemicals	80000	55442	Chemicals			
	Glasswar	1,00,000	87,763	Glassware			Glassware			

**3. Total amount spent on equipments for the past three years:
(Enclose purchase invoice) NA**

S l. N o.	Expenditure in Rs. 2016-17			Expenditure in Rs. 2017/2018			Expenditure in Rs.			Remarks of the Inspector s *
	Total budget allocat	Sanctione d	Incurred	Total budget allocat	Sanctione d	Incurred	Total budget allocat	Sanctione d	Incurre d	
	Equipmen	6,00,000	5,68,884	Equipmen	1,70,000	1,60,500	Equipmen			

4. Total amount spent on Books and Journals for the past three years : NA

S l. N	Expenditure in Rs. 2016/2017			Expenditure in Rs. 2017/2018			Expenditure in Rs			Remarks of the Inspector
	Total budget allocat	Sanctione d	Incurred	Total budget allocat	Sanctione d	Incurred	Total budget allocat	Sanctione d	Incurre d	
1	Books	1,00,000	1,36,934		50,000	32,000				
2	Journal	16,500	16,240		17,000	16,240				

*Last three years including this academic year till the date of inspection

PARTVII-EQUIPMENT AND APPARATUS
Department wise List of Minimum equipments required for D. Pharm

PHARMACEUTICS

Equipment:

Sl. No.	Name	Minimum required	Available Nos.	Worki ng	Remarks of the
1	Continuous Hot Extraction Equipment	05	05	✓	
2	Conical Percolator	05	05	✓	
3	Tincture Press	01	01	✓	
4	Hand Grinding Mill	01	01	✓	
5	Disintegrator	01	01	✓	
6	Ball mill	01	01	✓	
7	Hand operated Tablet machine	01	01	✓	
8	Tablet Coating Pan unit with hot air blower laboratory size	01	01	✓	
9	Polishing pan laboratory size	01	01	✓	
10	Monsanto's hardness tester	01	01	✓	
11	Pfizer type hardness tester	01	01	✓	
12	Tablet disintegration test apparatus IP	01	01	✓	
13	Tablet dissolution test apparatus IP	01	01	✓	
14	Granulating sieve set	10	10	✓	
15	Tablet counter- small size	05	05	✓	
16	Friability tester	01	01	✓	

17	Collapsible tube–Filling and sealing equipment	01	01	✓	
18	Capsule filling machine– Lab size	01	01	✓	
19	Digital balance	01	01	✓	
20	Distillation unit for distilled water	02	02	✓	
21	Deionization unit	01	01	✓	
22	Glass distillation unit for water for injection	01	01	✓	
23	Ampoule washing machine	01	01	✓	
24	Ampoule filling and sealing machine	01	01	✓	
25	Sintered glass filters for bacterial proof filtration (four different grades)	Adequate	06	✓	
26	Millipore filter (3 grades)	Adequate	01	✓	

27	Autoclave	01	01	✓	
28	Hot air sterilizer	01	01	✓	
29	Incubator	01	01	✓	
30	Aseptic cabinet	01	01	✓	
31	Ampoule clarity test equipment	01	01	✓	
32	Blender	01	01	✓	
33	Sieves set (Pharmacopoeia standard)	02	02	✓	
34	Lab Centrifuge	01	01	✓	
35	Ointments lab	Adequate	05	✓	
36	Ointment spatula	Adequate	05	✓	
37	Pestle and mortar porcelain	Adequate	20	✓	
38	Pestle and mortar glass	Adequate	20	✓	
39	Suppository moulds of three sizes	Adequate	15	✓	
40	Refrigerator	01	01	✓	

NOTE: Adequate numbers of glass ware commonly used in the laboratory should be provided in each laboratory and the department.

PHARMACEUTICAL CHEMISTRY

Equipment:

Sl. No.	Name	Minimum required	Available Nos.	Working	Remarks of the
1	Refractometer	01	01	✓	
2	Polarimeter	01	01	✓	
3	Photo electric colorimeter	01	01	✓	
4	PH meter	01	01	✓	
5	Atomic model set	02	02	✓	
6	Electronic balance	01	01	✓	
7	Periodic table chart	Adequate	01	✓	

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PHYSIOLOGY & PHARMACOLOGY LABORATORY**Equipment:**

Sl. No.	Name	Minimum required	Available Nos.	Working	Remarks of the
1	Haemoglobinometer	20	30	✓	
2	Haemocytometer	10	30	✓	
3	Student's organ bath	1	1	✓	
4	Sherington's rotating drum	1	1	✓	
5	Frog board	Adequate	05	✓	
6	Tray (dissecting)	Adequate	05	✓	
7	Frontal writing lever	Adequate	05	✓	
8	Aeration tube	Adequate	05	✓	
9	Telethermometer	1	01	✓	
10	Pole climbing apparatus	1	01	✓	
11	Histamine chamber	1	01	✓	
12	Simple lever	Adequate	05	✓	
13	Staring heart lever	Adequate	05	✓	
14	Aerator	Adequate	05	✓	
15	Histological Slides	Adequate	20	✓	
16	Sphygmomanometer (B.P. apparatus)	5	05	✓	
17	Stethoscope	5	05	✓	
18	First aid equipment	Adequate	03	✓	
19	Contraceptive device	Adequate	10	✓	
20	Dissecting (surgical) instruments	Adequate	02	✓	
21	Balance for weighing small Animals	1	01	✓	
22	Kymograph paper	Adequate	100	✓	
23	Actophotometer	1	01	✓	
24	Analgesiometer	1	01	✓	
25	Thermometer	Adequate	10	✓	
26	Plastic animal cage	Adequate	01	✓	
27	Double unit organ bath with thermostat	1	01	✓	
28	Refrigerator	1	01	✓	
29	Single pan balance	1	01	✓	
30	Charts	Adequate	10	✓	

31	Human skeleton	1	02	✓	
32	Anatomical specimen (Heart, brain, eye, ear, reproductive system etc.,)	1set	06 set	✓	
33	Electro -convulsiometer	1	01	✓	
34	Stopwatch	Adequate	01	✓	
35	Clamp, boss heads, screw clips	Adequate	06	✓	
36	Syme's Cannula	Adequate	10	✓	

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PHARMCOGNOSY LABORATORY

Equipment:

Sl. No.	Name	Minimum required	Available Nos.	Working	Remarks of the
1	Projection Microscope	01	01	✓	
2	Charts (different types)	Adequate	10	✓	
3	Models(different types)	Adequate	10	✓	
4	Permanent Slides	Adequate	10	✓	
5	Slides and Cover Slips	Adequate	10	✓	

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PHARMACYPRACTICELABORATORY

Equipment:

Sl. No.	Name	Minimum required	Available Nos.	Working	Remarks of the
1	Colorimeter	2	02	✓	
2	Microscope	Adequate	15	✓	
3	Permanent slides (skin, kidney, pancreas, smooth muscle, liver etc.,)	Adequate	30	✓	
4	Watch glass	Adequate	40	✓	
5	Centrifuge	1	01	✓	
6	Biochemical reagents for analysis of normal and pathological constituents in urine and blood facilities	Adequate	Adequate	✓	
7	Filtration equipment	2	02	✓	

Signature of the Head of the Institution

Signature of the Inspectors

8	Filling Machine	1	01	✓	
9	Sealing Machine	1	01	✓	
10	Autoclave sterilizer	1	01	✓	
11	Membrane filter	1Unit	01	✓	
12	Sintered glass funnel with complete filtering assemble	Adequate	01	✓	
13	Small disposable membrane filter for IV admixture filtration	Adequate	01	✓	
14	Laminar air flow bench	1	01	✓	
15	Vacuum pump	1	01	✓	
16	Oven	1	01	✓	
17	Surgical dressing	Adequate	01	✓	
18	Incubator	1	01	✓	
19	PH meter	1	01	✓	
20	Disintegration test apparatus	1	01	✓	
21	Hardness tester	1	01	✓	
22	Centrifuge	1	01	✓	
23	Magnetic stirrer	1	01	✓	
24	Thermostatic bath	1	01	✓	

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Museum: Every Institutions hall maintain am use um of crude drugs, her barium sheets, botanical specimens of the drugs, and plants, mentioned in the course in addition the following are recommended.

1. **Colored slides of medicine plants.**
2. **Display of popular patent medicines, and**
3. **Containers of common us age in medicines.**

Observation of the Inspectors:

Compliance of the last recommendations by Inspectors
Specific observations if not complied

Signature of Inspectors:	1.
	2.

Note:

1. **The Inspection Team is instructed to physically verify the details and records filled up by the college in the application form submitted by the college, which is with you no wonder cord the observations, opinions and recommendations in clear and explicit terms.**
2. **The team is requested to record their comments only after physical verification of records and details**